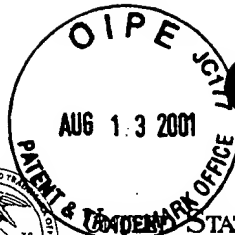


#3



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/729,920         | 12/06/2000          | Karl Guegler          | CL000858               |

CONFIRMATION NO. 7457

## FORMALITIES LETTER



\*OC00000006174636\*

25748

CELERA GENOMICS CORP.

ATTN: ROBERT A. MILLMAN, PATENT DIRECTOR

45 WEST GUDE DRIVE

C2-4#20

ROCKVILLE, MD 20850

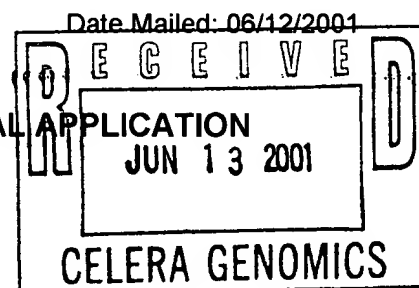
06/16/2001 HARD11 00000020 500970 09729920

01 FC:101 710.00 CH  
02 FC:102 240.00 CH  
03 FC:103 224.00 CH

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted



06/16/2001 HARD11 00000107 500970 09729920

01 FC:105 130.00 CH  
08/17/2001 HARD11 00000020 500970 09729920

01 FC:103 54.00 CH

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$294.
  - \$54 for 3 total claims over 20.
  - \$240 for 3 independent claims over 3.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1134.
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821

RECEIVED JUN 13 2001

(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

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*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

0972920-0266260

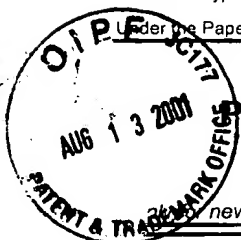
Please type a plus sign (+) inside this box



Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/05 (03-01)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# UTILITY PATENT APPLICATION TRANSMITTAL

For new nonprovisional applications under 37 CFR 1.53(b)

|                        |  |
|------------------------|--|
| Attorney Docket No.    | CL000858                                 |
| First Inventor         | Karl GUEGLER                             |
| Title                  | ISOLATED HUMAN TRANSPORTER PROTEINS, ... |
| Express Mail Label No. |  |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☐ Specification [Total Pages  ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [ Total Sheets  ]
5. Oath or Declaration [ Total Pages  ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☒ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ paper (47 pages)
  - c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

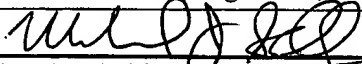
Fax

Name (Print/Type)

Michael J. Schmelzer, Reg No. 43,093

Registration No. (Attorney/Agent)

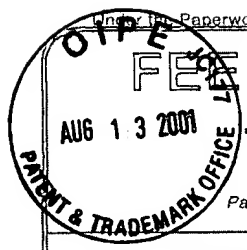
Signature



Date

August 13, 2001

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# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision.

### Complete if Known

Application Number **09/729,920**  
Filing Date **December 6, 2000**  
First Named Inventor **GUEGLER et al.**  
Examiner Name  
Group Art Unit  
Attorney Docket No. **CL000858**

TOTAL AMOUNT OF PAYMENT (\$) **1244**

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

**50-0970**

Deposit Account Name

**Celera Genomics**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

| Code (\$) | Code (\$) | Code (\$) | Code (\$) | Code (\$) | Fee Description        |
|-----------|-----------|-----------|-----------|-----------|------------------------|
| 101       | 710       | 201       | 355       |           | Utility filing fee     |
| 106       | 320       | 206       | 160       |           | Design filing fee      |
| 107       | 490       | 207       | 245       |           | Plant filing fee       |
| 108       | 710       | 208       | 355       |           | Reissue filing fee     |
| 114       | 150       | 214       | 75        |           | Provisional filing fee |

Fee Paid

**710**

SUBTOTAL (1) (\$) **710**

#### 2. EXTRA CLAIM FEES

Total Claims **23** - 20\*\* = **3** X **18** = **54**  
Independent Claims **6** - 3\*\* = **3** X **80** = **240**  
Multiple Dependent **270** = **0**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

| Code (\$) | Code (\$) | Code (\$) | Code (\$) | Code (\$) | Fee Description  |
|-----------|-----------|-----------|-----------|-----------|--|
| 103       | 18        | 203       | 9         |           | Claims in excess of 20                                     |
| 102       | 80        | 202       | 40        |           | Independent claims in excess of 3                          |
| 104       | 270       | 204       | 135       |           | Multiple dependent claim, if not paid                      |
| 109       | 80        | 209       | 40        |           | ** Reissue independent claims over original patent         |
| 110       | 18        | 210       | 9         |           | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) **294**

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |  |            |
|----------------------------|----------------------------|-----------------|----------|--|------------|
| 105                        | 130                        | 205             | 65       | Surcharge - late filing fee or oath  | <b>130</b> |
| 127                        | 50                         | 227             | 25       | Surcharge - late provisional filing fee or cover sheet                     |            |
| 139                        | 130                        | 139             | 130      | Non-English specification  |            |
| 147                        | 2,520                      | 147             | 2,520    | For filing a request for ex parte reexamination                            |            |
| 112                        | 920*                       | 112             | 920*     | Requesting publication of SIR prior to Examiner action                     |            |
| 113                        | 1,840*                     | 113             | 1,840*   | Requesting publication of SIR after Examiner action                        |            |
| 115                        | 110                        | 215             | 55       | Extension for reply within first month                                     | <b>110</b> |
| 116                        | 390                        | 216             | 195      | Extension for reply within second month                                    |            |
| 117                        | 890                        | 217             | 445      | Extension for reply within third month                                     |            |
| 118                        | 1,390                      | 218             | 695      | Extension for reply within fourth month                                    |            |
| 128                        | 1,890                      | 228             | 945      | Extension for reply within fifth month                                     |            |
| 119                        | 310                        | 219             | 155      | Notice of Appeal   |            |
| 120                        | 310                        | 220             | 155      | Filing a brief in support of an appeal                                     |            |
| 121                        | 270                        | 221             | 135      | Request for oral hearing   |            |
| 138                        | 1,510                      | 138             | 1,510    | Petition to institute a public use proceeding                              |            |
| 140                        | 110                        | 240             | 55       | Petition to revive - unavoidable   |            |
| 141                        | 1,240                      | 241             | 620      | Petition to revive - unintentional   |            |
| 142                        | 1,240                      | 242             | 620      | Utility issue fee (or reissue)   |            |
| 143                        | 440                        | 243             | 220      | Design issue fee   |            |
| 144                        | 600                        | 244             | 300      | Plant issue fee  |            |
| 122                        | 130                        | 122             | 130      | Petitions to the Commissioner  |            |
| 123                        | 50                         | 123             | 50       | Processing fee under 37 CFR 1.17(q)  |            |
| 126                        | 180                        | 126             | 180      | Submission of Information Disclosure Stmt                                  |            |
| 581                        | 40                         | 581             | 40       | Recording each patent assignment per property (times number of properties) |            |
| 146                        | 710                        | 246             | 355      | Filing a submission after final rejection (37 CFR § 1.129(a))              |            |
| 149                        | 710                        | 249             | 355      | For each additional invention to be examined (37 CFR § 1.129(b))           |            |
| 179                        | 710                        | 279             | 355      | Request for Continued Examination (RCE)                                    |            |
| 169                        | 900                        | 169             | 900      | Request for expedited examination of a design application                  |            |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **240**

### SUBMITTED BY

Complete (if applicable)

Name (Print Type)

**Michael J. Schmelzer**

Registration No. (Attorney/Agent)

**43,093**

Telephone

**240-453-3359**

Signature

Date

**August 13, 2001**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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